



Course Descriptions (2022-2023)

The information below is intended to give students and their families a better idea of course content as they make course selection decisions for the 2022-2023 school year. Not all courses will be offered each year, and some will be offered via Nova Scotia Virtual Schools Distributed Learning.

For Office Use Only

Subject

English	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Math	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Math, Science or Tech		<input type="checkbox"/>	
Fine Art	<input type="checkbox"/>	PE	<input type="checkbox"/>
Can.Stud	<input type="checkbox"/>	Global	<input type="checkbox"/>
Science	<input type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Total Potential Credits: _____

No more than 7 Gr.10 Credits? _____

Has 5 Gr.12 Courses?: _____

Included in each description is a "Credit Type" designation. These designations indicate the following:

Advanced: Courses designed to meet the needs of students who have demonstrated an exceptional degree of academic ability or achievement.

Academic: Courses designed for students who expect to enter college, university, or other post-secondary institutions.

Graduation: Courses are designed for students who wish to earn a graduation diploma with a view to proceeding to employment or some selected area of post-secondary study.

Open: Although none of the open courses are designed to meet the specific entrance requirements of any post-secondary institution, individual courses may meet entrance requirements of some institutions.

****All courses are 1 credit UNLESS OTHERWISE INDICATED****

Nova Scotia Graduation Requirements (as of the printing of this document):

18 credits are required to graduate; 13 of these are compulsory:

- 3 English Language Arts (one at each grade level)
- 3 Mathematics (one at each grade level)
- 2 Sciences (Science 10 credit and one other)
- 1 Canadian Studies course
- 1 Global Studies course
- 1 Physical Education course
- 1 Fine Arts course (Art, Drama, Music)
- 1 other credit from Technology, Mathematics or Science

**No more than 7 of the 18 credits may be from courses coded as Grade 10, and at least 5 must be from courses coded as Grade 12.*

Only one credit will be given for a course in the same subject at the same grade level, although both will show on the student transcript.

- For example, if a student completes English Communications 12 and English 12, it will only count as one credit toward the 18 credits required for graduation.
- Exceptions to this include Mathematics 11 and Pre-Cal 11; Pre-Cal 12 and Calculus 12.

Post-Secondary Admission Requirements:

Listed below are the typical grade 12 courses required for several post-secondary programs. It is important to check the specifics for each institution as they vary, especially outside of Nova Scotia.

University Entrance Requirements:

- **Bachelor of Arts:** English + 4 other academic courses.
- **Bachelor of Science:** English, Pre-Calculus, 2 Sciences + 1 other academic course.
- **Bachelor of Commerce:** English, Mathematics (in some cases Pre-Calculus) + 3 other academic courses.
- **Bachelor of Engineering:** English, Pre-Calculus, Chemistry, Physics + 1 other academic course (Note: Calculus is required for Science and Engineering in many universities outside Atlantic Canada.)
- **Bachelor of Computer Science:** English, Pre-Calculus + 3 other academic courses.
- **Bachelor of Nursing:** English, Math, Chemistry, Biology + 1 other academic course

Community College Entrance Requirements:

- Grade 12 diploma or equivalent
- **Some programs have specific subject requirements, PARTICULARLY IN MATHEMATICS AND SCIENCE. Check online or with the School Counsellor.**

ENGLISH LANGUAGE ARTS

Students are required to take one (1) English course in each of their three years of high school. All students will take English 10. Students can choose between Academic English and English Communications in grades 11 and 12.

ENGLISH 10 (1 Credit)

Credit Type: Academic

English 10 provides a balanced and integrated program of language and literature, offering a variety of formal and informal speech activities, including paired and group discussions. The writing component of the course provides a wide variety of writing experiences in various modes for various audiences. Ideas for expressive writing are generated in part by examination of the mass media, which also enriches the study of literature. Reading and literary study are integrated with speaking, listening, thinking, and writing activities. Students are introduced to the literary terminology and techniques which will help them to appreciate, evaluate and make critical judgments. Plays, novels, short stories, poetry, and modern drama are the vehicles through which the goals of linguistic competence and literary appreciation will be achieved. Approaches are varied, including journal writing, sustained silent reading, group discussion and panel presentations, as well as individual assignments, presentations, and projects.

ENGLISH 11 (1 Credit)

Credit Type: Academic

English 11 is an academic course which is intended as a university preparatory for students whose goals include post-secondary study. In this course, major literary texts are examined with an emphasis on critical and analytical response. Units of study comprise the main literary genres - i.e., the short story, novel, poetry, drama, and media texts. Students are expected to demonstrate competency in the more formal style of written and oral communication. It is important that students bring excellent work and study habits with them to the English 11 classroom and demonstrate that they are well on the way to becoming independent learners. To ensure that students have the necessary background skills to be successful in English 11, it is recommended that a level of competency (65% or better) was demonstrated in English 10.

ENGLISH COMMUNICATIONS 11 (1 Credit)

Credit Type: Graduation

English Communications courses are intended to prepare students for lifelong learning by engaging them in practical and interesting learning experiences closely related to their lives and to the world they experience as adults.

English/Communications courses are intended to provide experiences that enable students to develop socially and emotionally. Students will become aware of ways in which language can entertain, inform, and influence others as well as, how to adapt their own language to suit their purposes. In

striving to meet the literacy demands of our society, students will work on developing a sound basic knowledge of how to use English to the best of their ability. Students will extend their thinking through the exploration of a range of issues. Students in this course are encouraged to incorporate computers into their daily language tasks: exploring, drafting, editing, and publishing their ideas.

ENGLISH 12 (1 Credit)

Credit Type: Academic

English 12 builds on the processes and experience of English 10 and 11 and is intended for students whose goals include post-secondary education. While this course emphasizes challenging literary texts, students will be provided with opportunities to select their own material for independent study and small group inquiry. As students engage in the activities and assignments of this course, they will extend their knowledge base, thinking processes, learning strategies, self-awareness, and insights. Writing is a major focus for English 12 and students will gain confidence in representing their ideas and demonstrating their learning in a variety of ways.

ENGLISH COMMUNICATIONS 12

Credit Type: Graduation (1 Credit)

English Communications 12 builds upon the principals established in English Communications 11. With the continued emphasis being on preparing students for lifelong learning, student will engage in practical, interesting, and relevant experiences. These experiences

will help shape their confidence as learners and empower them to develop competency as communicators. Students in this course are encouraged to incorporate computers into their daily language tasks: exploring, drafting, editing, and publishing their ideas.

****ADVANCED COURSE OPTIONS ARE AVAILABLE AT THE DISCRETION OF THE SUBJECT TEACHER****

MATHEMATICS

Students require (3) math credits to graduate; one course each year. When choosing a pathway, students should consider their mathematical knowledge and background, interests, and future education and career paths. Post-secondary programs of study have different admission requirements. Students and their parents should investigate these prerequisites when selecting senior high courses. Typically, students choose math courses using these guidelines:

Student Path	Grade 10	Grade 11	Grade 12
High School Diploma Or Community College	Math 10 Essentials Or Math at Work 10	Math 11 Essentials Or Math 11 at work	Math Essentials 12 Or Math 12 at work
University for Arts and Applied Programs	Math at Work 10 Or Math 10	Math 11 at work Or Math 11	Math 12 at work Or Math 12
University for Science, Engineering, Math, and Business Programs	Math 10	Math 11 And/or Pre-Calculus 11	Pre-calculus 12 And/or Calculus 12

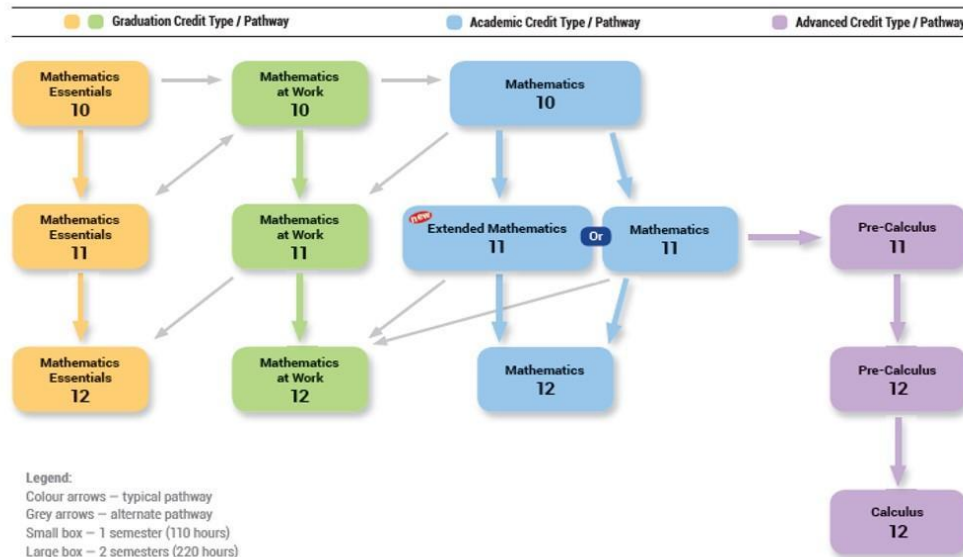
MATHEMATICS 10 (2 Credits)

Credit Type: Academic

This course will be presented as a 220-hour course. This will mean students will have mathematics in their schedule every day. Students in mathematics 10 will explore the following topics: measurement systems, surface area and volume, right angle trigonometry, exponents and radicals, polynomials, linear relations and functions, linear equation, and graphs, solving systems of equation and financial mathematics.

Senior High Mathematics Course Pathways English and French Immersion

Effective: 2017–18 School Year



MATHEMATICS AT WORK 10 (1 Credit)

Credit Type: Graduation

Mathematics at Work 10 is a new course designed to provide students with the mathematical understandings and critical-thinking skills identified for direct entry into the work force or for entry into programs of study that do not require *academic* mathematics. Students will explore the following topics: measurement, area, Pythagorean

theorem, right triangle trigonometry, geometry, unit pricing and currency exchange, income, and basic algebra.

MATH ESSENTIALS 10 (1 Credit)

Credit Type: Graduation (1 Credit)

Mathematics Essentials 10 is designed to provide students with the development of the skills and understandings required in the workplace, as well as those required for everyday life at home and in the community. Students will become better equipped to deal with mathematics in the real world and will become more confident in their mathematical understandings. Students will explore the following topics: mental math, working and earning, deductions and expenses, paying taxes, making purchases, buying decisions, probability, measuring and estimating, transformation and design, and buying a car.

MATHEMATICS 11 (1 Credit)

Credit Type: Academic

Prerequisite: Successful completion of Mathematics 10.

This course will be presented as a 110-hour course.

Students in mathematics 11 will explore the following topics: application of rates, scale diagrams and factors, inductive and deductive reasoning, an introduction to proof, cosine law, spatial reasoning, statistics, systems of linear inequalities, and quadratic functions. **Students planning to follow the academic pathway will need to complete this course.**

MATH ESSENTIALS 11 (1 Credit)

Credit Type: Graduation

This course is a continuation of Math Essentials 10. It is designed for students who plan to enter programs which do not have a mathematics prerequisite. Students will explore the following topics: mental mathematics, collecting, organizing, and graphing data; borrowing money; renting or buying; household budgets; investing money; measuring; 2-D and 3-D design, mathematics in content areas such as science and social studies.

PRE-CALCULUS 11 (1 Credit)

Credit Type: Academic

Prerequisite: Successful completion of Mathematics 11.

This course will be presented as a 110-hour course.

Pre-calculus 11 is an advanced high school mathematics course. Students who select Pre-calculus 11 should have a solid understanding of the Mathematics 11 curriculum.

Pre-calculus 11 is a prerequisite for Pre-calculus 12.

These courses are to be taken consecutively, not concurrently.

Students in pre-calculus 11 will explore the following topics: absolute value, radical expressions and equations, angles in standard position, analyze and solve quadratic equations, linear and quadratic equations, and inequalities in two variables, arithmetic and geometric sequences, and reciprocals of linear and quadratic functions.

MATHEMATICS 12 (1 Credit)

Credit Type: Academic

This university-preparatory course may be chosen by a student who has successfully completed the Grade 11 academic course and who wishes to fulfill one of the requirements for admission to post-secondary programs excluding degrees in mathematics certain science and business majors, and engineering.

PRE-CALCULUS 12 (1 Credit)

Credit Type: Advanced

This is a fourth high school mathematics course for students who will study for a degree in science, mathematics, engineering, or business. This course is intended for those who have completed pre-calculus Math 11 and will provide the student with many tool kits needed for the study of calculus.

CALCULUS 12 (1 Credit)

Credit Type: Advanced

Introductory Calculus is designed as a study of basic differential and integral calculus for the student who dealt with the introduction of Pre-Calculus 12. Problems of all professions become easier with an understanding of the intricacies of using this powerful tool of change and growth. The course is an asset for those students furthering their studies in science, economics, and mathematics. This course is offered via Virtual Schools during the second semester.

MATH ESSENTIALS 12 (1 Credit)

Credit Type: Graduation

Over the last several years, instructors at the Nova Scotia Community Colleges have identified some areas that need improvement in terms of the mathematical knowledge base of the students entering various trades. This course will work toward improving the students' mathematical knowledge base and most aspects of the course will be directly related to trades such as carpentry, welding, natural resources, environmental technology, electrical, plumbing, power engineering, pipe fitting, steam fitting, interior decorating, metal working, machine technology, marine technology, auto mechanics, electronic technology, refrigeration, and masonry. This course is modular and is project oriented to reflect the type of learning that will occur when the students move on to NSCC.

SCIENCE

Students require two (2) science credits to graduate.

Many students take additional science courses to meet the pre-requisites for various post-secondary programs.

It is expected that all students will complete Science 10 and at least one other science course.

If you plan to study	Register for:
Health-related fields, Environmental Studies, Oceanography, Pharmacy	Biology and Chemistry

Computer-related programs. Technical Programs at Community College: Electrical, Engineering, Physiotherapy	Physics and Chemistry OR Physics and Biology
Dentistry Medicine	Two of: Biology, Chemistry or Physics (Take all three, if schedule permits)

SCIENCE 10 (1 Credit)

Credit Type: Academic

This program is designed to foster an appreciation of the power of scientific explanation as a way of understanding the world. There are four 4 main units of study: ecosystems, chemistry, physics, and weather patterns. This course also includes three primary points of emphasis: a science inquiry, a technological problem-solving, and a societal decision making one. The material is approached as an intellectual pursuit and an activity-based strategy. Upon successful completion, students will be able to make more informed decisions as to whether they might wish to pursue chemistry, physics, or biology in terms of additional coursework or as a career.

AGRICULTURE/AGRIFOODS 11 (1 Credit)

Credit Type: Academic

Agriculture 11 is based on the premise that effective science learning and the development of scientific literacy is a constructive, active process. Learning experiences in

this course will include opportunities for group and individual work, discussions, and hands-on/minds-on activities. Units include the history/development of agriculture, machinery and farm safety, crops and animal husbandry, farm management and practices, and the food industry and food safety.

BIOLOGY 11 (1 Credit)

Credit Type: Academic

This course emphasizes themes of change, diversity, energy, equilibrium, matter, and systems. The following core topics are covered: (1) cell theory – cell structure and function; (2) diversity among living organisms – classification of living organisms; (3) human systems and homeostasis – digestive, respiratory, circulatory, and immune; and (4) ecosystems dynamics.

CHEMISTRY 11 (1 Credit)

Credit Type: Academic

Chemistry 11 studies the composition, process, properties, and structures of matter. Students develop an understanding through problem solving and analysis. The four units of study include: (1) matter and its changes - review of nomenclature, formula writing, balancing equations, and reaction prediction; (2) stoichiometry - introduces the problem-solving aspect of chemistry by investigating the mathematical relationships used to make predictions related to chemical reactions. Note: strong math skills are important in this unit; (3) structures and properties - investigates the nature of

chemical bonds and their effect on chemical properties; and (4) organic chemistry - the classification of organic compounds, nomenclature, bonding, how they react as well as their environmental effects. **Math 10 Academic and Science 10 are recommended prerequisites for this course.**

CHEMISTRY 12 (1 Credit)

Credit Type: Academic

Chemistry 12 provides a more in-depth exploration of several topics intended for students pursuing post-secondary Chemistry. Chemistry 12 consists of four units of study: (1) solutions and equilibrium; (2) thermo chemical changes; (3) acids and bases in chemical changes; and (4) electrochemical changes.

OCEANS 11 (1 Credit)

Credit Type: Academic

This course offers the opportunity to explore aspects of global and local oceanography and current ocean-related issues. Modules include the following topics: motion, marine life, resources, world influence, fisheries, and coastal regions.

TECHNOLOGY

In addition to the two (2) math and two (2) science credits required for graduation, students are also required to take one additional credit from any of the MATH or SCIENCE courses above or from the TECHNOLOGY courses listed below.

EXPLORING TECHNOLOGY 10 (1 Credit)

Credit Type: Open

This technology course provides students with hands-on activities. By the end of the course, successful students are able to use a range of technical applications, integrate technology with other academic disciplines, and create devices and systems to satisfy their needs, explain how technology affects society, and use technology in problem-solving situations.

PRODUCTION TECHNOLOGY 11 & 12 (wood/metal) (1 Credit)

Credit Type: Open

By the end of each Production Technology Course, students are able to demonstrate the process required to create a product using a variety of materials and methods. Entrepreneurship is an integral part of the Grade 12 course.

MULTIMEDIA 12 (1 Credit)

Credit Type : Academic

This course is designed to give students an understanding and appreciation of the powerful impact that multimedia has on our lives. Through understanding the power of **multimedia**, students will construct multimedia products which efficiently and effectively communicate ideas and concepts. The course is broken down into four modules: creating and manipulating images; creating and manipulating timed images; sound; and collaborative project and personal portfolio.

CANADIAN STUDIES

Students must complete one (1) of the following two courses to fulfill the Canadian Studies requirement for graduation:

AFRICAN CANADIAN STUDIES 11 (1 Credit)

Credit Type: Academic

This course is an introduction to the historical experience of African peoples. This course provides an overview of African history and the African Diaspora (dispersal) to the “New World” with particular emphasis on the African Nova Scotia experience. The course will equip students with a sound understanding of the experiences, local achievements, and contributions of people of African descent. Students will discuss the geographical, historical, economic, political, and social experiences, struggles and life stories of a people who have made a significant contribution to world history.

MI’KMAW STUDIES 11 (1 Credit)

Credit Type: Academic

Mi’kmaq is a course that serves not only to highlight the Mi’kmaq experience, but also to provide opportunities for learners to gain an understanding how they are connected to the history and culture of the First Peoples of the Maritimes. The course incorporates an inquiry-based approach and examines broad concepts such as governance, culture, justice, spirituality, and education. Students will analyze historical and contemporary Mi’kmaq issues, which enables them to achieve

a greater understanding of, and respect for, both Mi’kmaq society and Mi’kmaq contributions to Canadian society

GLOBAL STUDIES

Students must complete Global Geography or another Global credit online in order to graduate.

GLOBAL GEOGRAPHY 12 (1 Credit)

Credit Type: Academic

In this course you will come to grips with some of the most important threats and issues faced by our planet; and you will see how geographers propose to analyze them and offer solutions to deal with them. Students will examine such topics as the physical world and humankind, natural hazards and disasters, the study of populations, global resources, the global economy, urbanization, The United Nations, and the future planet. Thus, through examination and understanding of these global topics, the students should be able to answer the following question: “How can studying global geography help us to resolve some of the crises Earth is facing today?”

FINEARTS

Students are required to complete one (1) of the following grade 10 level courses in order to graduate.

DANCE 11(1 Credit)

Credit Type: Academic

Dance 11 is designed for all students, with or without previous formal dance training, and builds on student's experiences in dance throughout the physical education curriculum, grade primary to nine. It emphasizes creative movement as a form of communication and self-expression, as a unique way of learning about oneself and others. In this course students explore a range of dance styles, create and present dance sequences, respond critically to their own dance works and those of others, and make connections with dance in local and global contexts, both past and present. Students also have opportunities to examine the connections between dance and other art disciplines. The course comprises four components: elements of movement, creation and composition, presentation and performance, and dance and society. **This course will satisfy the fine arts OR physical education provincial graduation requirement.**

MUSIC 10 (1 Credit)

Credit Type: Academic

Music 10 recognizes the importance of offering a program that provides opportunities for the experienced musician as well as for those with limited or no prior musical training. The Music 10 curriculum demonstrates an

understanding of and appreciation for the variety of abilities of the students in the music class. This course may be delivered through a variety of disciplines. Many music programs at the high school level will focus primarily on music-making in an instrumental music setting. By offering Music 10 with a focus on choral singing or guitar playing, for example, students with limited musical experiences will achieve the outcomes for the course. Other programs may use specific community interests such as traditional instruments or rock ensembles to achieve course outcomes. Whatever approach to Music 10 is used, attention will be given to all three understandings and processes of the arts, which include 1. Creating, making, and presenting; 2. Understanding and connecting contexts of time, place, and community, and 3. Perceiving and responding.

MUSIC 11(1 Credit)

Credit Type: Academic

Music 11 builds on the learning experiences provided for students in Music 10 and strives for a high level of musical understanding and achievement. Like Music 10, this curriculum can be taught through a variety of approaches. In all approaches, it is important for students to have experiences in listening, performing, and composing, regardless of their musical proficiency. These aspects are embedded the curriculum outcomes. Students are given opportunities to explore in greater depth the skills, techniques and technologies introduced in previous years, and to begin to specialize in areas of particular

interest. More importantly, they are able to explore career paths and access community resources.

VISUAL ARTS 10 (1 Credit)

Credit Type: Academic

Art 10 is a first year Visual Arts course. The first 4 weeks are devoted to developing the five perceptual skills of drawing. Attention is directed towards the development of students' visual thinking skills and learning the verbal language that will allow them to better understand the expressions of others. Concentration is on acquiring knowledge of the elements of art and principles of design, and how they are used to create works of art using a variety of media.

PHYSICAL EDUCATION

Students are required to complete one (1) of the three courses below. Those students who are graduating in June of 2009 may use the PAL/CLM 11 credit which is no longer offered as the Physical Education requirement.

DANCE 11 (1 Credit)

Credit Type: Academic

Dance 11 is designed for all students, with or without previous formal dance training, and builds on student's experiences in dance throughout the physical education curriculum, grade primary to nine. It emphasizes creative movement as a form of communication and self-expression, as a unique way of learning about oneself and others. In this course students explore a range of dance

styles, create and present dance sequences, respond critically to their own dance works and those of others, and make connections with dance in local and global contexts, both past and present. Students also have opportunities to examine course comprises four components: elements of movement, creation and composition, presentation and performance, and dance and society. **This course will satisfy the fine arts OR physical education provincial graduation requirement.**

FITNESS LEADERSHIP 11 (1 Credit)

Credit Type: Academic

Students will explore such topics as: anatomy and physiology, principals of conditioning, leadership, injury prevention and risk management, and the components of a fitness class.

PHYSICAL EDUCATION 11 (1 Credit)

Credit Type: Open

This full-credit course was designed to focus on sport experiences through a Teaching Games for Understanding model that is a means to provide students with more enjoyment as they get to play modified games (in this course, sports-related games) in conjunction with learning the skills and tactics. Throughout this course, modified sports games will be taught within four categories (invasion/territory, target, net/wall, and striking/field). The emphasis throughout this course is on the tactical and strategic game play (the first module) whereby students make appropriate

decisions in modified sports setting. This course also includes an additional two modules, interwoven within the first module, which focus on fostering life skills through sport and looking critically at the nature of sport and society, including injustices that often coincide within the context of sport.

PHYSICAL EDUCATION LEADERSHIP 12 (1 Credit)

Credit Type: Academic

Physical Education Leadership 12 involves students in the pedagogy of youth leadership development that will enable them to understand and demonstrate the necessary skills and characteristics to aid in their development as leaders, particular to the provision of physically active experiences within the school and/or surrounding community. Students will explore various leadership styles, analyze the responsibilities and characteristics of effective leaders, demonstrate an understanding of group dynamics and its connection to effective leadership, and provide students with authentic environments for students to serve and further develop as youth leaders. Students will work through the process and complete a service-learning project.

O2 Program

The Options and Opportunities Program allows students to develop essential workplace and job search skills by providing both in-class and experiential learning through

site visits. The courses below are REQUIRED courses for students enrolled in the O2 program. In order to be accepted into the O2 program, students must successfully complete an interview with our O2 Lead Teacher or designate.

CAREER DEVELOPMENT 10 (1 Credit)

Credit Type: Open

Career Development 10 students will demonstrate career planning skills through experiential learning and reflection. The ability to access life/work resources will be developed and strategies for making healthy life/work choices. The courses will create a sense confidence, innovativeness, and the ability to adapt in all aspects of their life/work as well as an appreciation and respect for diversity.

COMMUNITY BASED LEARNING 11 (1 Credit)

Credit Type: Open

This course is designed to assist students in making informed decisions about their education and career plans and in acquiring relevant knowledge and skills required in today's society. It helps students to see the links between knowledge, skills, and attitudes they are acquiring in school and employment requirements.

CO-OPERATIVE EDUCATION 11 and 12 (1 Credit)

Credit Type: Academic

The co-op course is offered to students at the grades 11 and 12 level. It consists of a 25 hour in-school component

and 100 hours community workplace component. Students must apply for acceptance into the co-op program and meet the requirements set down for the course. Students may also complete their placement hours during the summer, **with the approval of their school supervisor.**

ELECTIVES

Students require 18 credits to graduate. Among these are 13 required courses. The remaining 5 credits can be selected from the following courses or any of the other courses described on previous pages. Students should select courses that reflect their interest, ability, and/or those which will be required for admission to post-secondary programs.

CONSTRUCTION TRADES 11 (1Credit)

Credit Type: Academic

Construction Trades 11 will continue to focus on the skills developed in prerequisite Skilled Trades 10 and will define them in a construction environment. Trades that will be examined include Carpenter, Construction Electrician, Floor Covering Installer, Lather (Interior Systems Mechanic), Painter and Decorator, and Plumber. Students will learn and develop the skills necessary to work on a construction site. Based entirely on the construction of a full-size building, each student will actively use the skills specific to each of the trades

required to complete the project. For example, she or he will frame, wire, plumb, and finish a section of the project. Continuing inside a culture of safety, emphasis will be placed on professional trade practices and the essential employability skills. Students will anticipate, engage, and reflect as they learn.

CO-OPERATIVE EDUCATION 11 and 12 (1 Credit)

Credit Type: Academic

The co-op course is offered to students at the grades 11 and 12 level. It consists of a 25 hour in-school component and 100 hours community workplace component. Students must apply for acceptance into the co-op program and meet the requirements set down for the course. Students may also complete their placement hours during the summer, **with the approval of their school supervisor.**

FOOD STUDIES AND HOSPITALITY 12 (1 Credit)

Credit type: Open

This course has been developed to explore food studies through a hospitality perspective. Students will learn about basic food preparation and skills required to work in the food industry. There are eight units to be covered: food/kitchen safety, kitchen literacy and numeracy, professional kitchen organization, food and beverage service, basic cooking principle, menu planning, something to consider and life/work experience in food studies/hospitality.

SKILLS TRADES 10 (1 Credit)**Credit Type: Academic**

A prerequisite for Construction Trades 11, Transportation Trades 11, and Manufacturing Trades 11. Students in Skilled Trades 10 work on developing basic trades skills in four areas: Skilled Trades Living, Safety, Measurement and Calculation for Trades, and Tools and Materials. They develop an appreciation for, and an understanding of the benefits of a career in the skilled trades.